Baoxian Ye

List of Publications by Year in descending order

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117	2,276	27	37
papers	citations	h-index	g-index
117	117	117	2810 citing authors
all docs	docs citations	times ranked	

#	Article	IF	CITATIONS
1	An ultrasensitive carcinoembryonic antigen electrochemical aptasensor based on 3D DNA nanoprobe and Exo III. Biosensors and Bioelectronics, 2022, 196, 113741.	5.3	20
2	Ratiometric fluorescence detection of ciprofloxacin using the terbium-based coordination polymers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 269, 120775.	2.0	19
3	An ultrasensitive label-free photoelectrochemical aptasensor based on terminal deoxynucleotidyl transferase amplification and catalytic reaction of G-quadruplex/hemin. Analytica Chimica Acta, 2022, 1211, 339912.	2.6	8
4	Ratiometric fluorescence sensing of glutathione by using the oxidase-mimicking activity of MnO2 nanosheet. Analytica Chimica Acta, 2021, 1145, 46-51.	2.6	40
5	A simple and sensitive method for the determination of troxerutin based on a zirconia oxide/graphene doped carbon paste electrode. International Journal of Environmental Analytical Chemistry, 2021, 101, 929-942.	1.8	1
6	Raloxifene, identified as a novel LSD1 inhibitor, suppresses the migration of renal cell carcinoma. Future Medicinal Chemistry, 2021, 13, 533-542.	1.1	8
7	Novel electrochemical biosensor based on Exo III-assisted digestion of dsDNA polymer from hybridization chain reaction in homogeneous solution for CYFRA 21-1 DNA assay. Analytica Chimica Acta, 2021, 1158, 338413.	2.6	5
8	Novel preparation method of bipedal DNA walker based on hybridization chain reaction for ultrasensitive DNA biosensing. Analytica Chimica Acta, 2021, 1176, 338781.	2.6	8
9	Signal-off photoelectrochemical aptasensor for kanamycin: Strand displacement reaction combines p-n competition. Analytica Chimica Acta, 2021, 1181, 338927.	2.6	8
10	Sensitive electrochemical detection of oxytetracycline based on target triggered CHA and poly adenine assisted probe immobilization. Analytica Chimica Acta, 2021, 1181, 338895.	2.6	15
11	Highly ordered 3D electrochemical DNA biosensor based on dual orientation controlled rolling motor and graftable tetrahedron DNA. Biosensors and Bioelectronics, 2020, 147, 111759.	5. 3	27
12	Dual luminescent lanthanide coordination polymers for ratiometric sensing and efficient removal of Hg ²⁺ . Analytical Methods, 2020, 12, 91-96.	1.3	13
13	Molybdenum sulfide-based electrochemical platform for high sensitive detection of taxifolin in Chinese medicine. Analytica Chimica Acta, 2020, 1099, 85-93.	2.6	9
14	A "signal-on―electrochemical biosensor based on DNAzyme-driven bipedal DNA walkers and TdT-mediated cascade signal amplification strategy. Analytica Chimica Acta, 2020, 1100, 40-46.	2.6	22
15	Peptide-conjugated hemin/G-quadruplex as a versatile probe for "signal-on―electrochemical peptide biosensor. Talanta, 2020, 209, 120611.	2.9	16
16	Grafting homogenous electrochemical biosensing strategy based on reverse proximity ligation and Exo III assisted target circulation for multiplexed communicable disease DNA assay. Biosensors and Bioelectronics, 2020, 167, 112487.	5. 3	20
17	Dual-Response Ratiometric Electrochemical Microsensor for Effective Simultaneous Monitoring of Hypochlorous Acid and Ascorbic Acid in Human Body Fluids. Analytical Chemistry, 2020, 92, 15079-15086.	3.2	37
18	Sensitive Voltammetric Sensor for Evaluation of trans-resveratrol Levels in Wines based on Poly(L-lysine) Modified Electrode. Journal of Analytical Chemistry, 2020, 75, 111-118.	0.4	5

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19	Photoelectrochemical aptasensor for thrombin based on Au-rGO-CuS as signal amplification elements. Mikrochimica Acta, 2020, 187, 433.	2.5	10
20	"Turn-on―ratiometric electrochemical detection of H2O2 in one drop of whole blood sample via a novel microelectrode sensor. Biosensors and Bioelectronics, 2020, 165, 112402.	5.3	36
21	A new voltammetric sensor and its application in pharmaceutical analysis for rutin. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2020, 55, 837-846.	0.9	11
22	Simple "Signalâ€Off―Electrochemical Aptasensor Based on Aptamerâ€Cu ₃ (PO ₄) ₂ Hybrid Nanoflowers/Graphene Oxide for Carcinoembryonic Antigen Detection. ChemElectroChem, 2020, 7, 1660-1665.	1.7	6
23	A highly sensitive and adjustable colorimetric assay of hydrogen sulfide by signal amplification based on G-quadruplex-Cu ²⁺ peroxidase mimetics. Analyst, The, 2020, 145, 2995-3001.	1.7	7
24	A simple method for determination of urapidil at a glassy carbon electrode modified with poly(sodium4-styrenesulfonate) functionalized graphene. International Journal of Environmental Analytical Chemistry, 2019, 99, 1471-1483.	1.8	10
25	An enzyme-free and label-free signal-on aptasensor based on DNAzyme-driven DNA walker strategy. Analytica Chimica Acta, 2019, 1081, 59-64.	2.6	24
26	A label-free IFN- \hat{l}^3 aptasensor based on target-triggered allosteric switching of aptamer beacon and streptavidin-inorganic hybrid composites. Analytica Chimica Acta, 2019, 1087, 29-35.	2.6	18
27	A sandwich-type electrochemical aptasensor for the carcinoembryonic antigen via biocatalytic precipitation amplification and by using gold nanoparticle composites. Mikrochimica Acta, 2019, 186, 473.	2.5	39
28	Photoelectrochemical biosensor for CEA detection based on SnS2-GR with multiple quenching effects of Au@CuS-GR. Biosensors and Bioelectronics, 2019, 140, 111358.	5.3	38
29	Determination of phosphate anions with a near-infrared heptamethine cyanine dye in a neutral aqueous solution. Analytical Methods, 2019, 11, 2677-2682.	1.3	4
30	A label-free and double recognition–amplification novel strategy for sensitive and accurate carcinoembryonic antigen assay. Biosensors and Bioelectronics, 2019, 131, 113-118.	5.3	49
31	Novel strategy to improve the sensing performances of split ATP aptamer based fluorescent indicator displacement assay through enhanced molecular recognition. Biosensors and Bioelectronics, 2019, 134, 36-41.	5. 3	56
32	Quenched sandwich-type photoelectrochemical aptasensor for protein detection based on exciton energy transfer. Talanta, 2019, 198, 302-309.	2.9	17
33	Determination of Malachite Green in Fish by a Modified MOF-Based Electrochemical Sensor. Food Analytical Methods, 2019, 12, 1246-1254.	1.3	49
34	Graphene blended with SnO 2 and Pd-Pt nanocages for sensitive non-enzymatic electrochemical detection of H 2 O 2 released from living cells. Analytica Chimica Acta, 2018, 1014, 10-18.	2.6	76
35	Ratiometric fluorescence sensing of mercuric ion based on dye-doped lanthanide coordination polymer particles. Analytica Chimica Acta, 2018, 1014, 85-90.	2.6	38
36	A sensitive gold nanoparticle-based aptasensor for colorimetric detection of Aβ _{1–40} oligomers. Analytical Methods, 2018, 10, 641-645.	1.3	26

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37	Novel electrochemical biosensor based on cationic peptide modified hemin/G-quadruples enhanced peroxidase-like activity. Biosensors and Bioelectronics, 2018, 107, 178-183.	5.3	29
38	Highly active DNAzyme-peptide hybrid structure coupled porous palladium for high-performance electrochemical aptasensing platform. Sensors and Actuators B: Chemical, 2018, 259, 372-379.	4.0	30
39	A novel electrochemical sensor for detecting hyperin with a nanocomposite of ZrO2-SDS-SWCNTs as decoration. Talanta, 2018, 185, 453-460.	2.9	19
40	Oriented growth of cross-linked metal-organic framework film on graphene surface for non-enzymatic electrochemical sensor of hydrogen peroxide in disinfectant. Talanta, 2018, 188, 282-287.	2.9	33
41	Sensitive determination of baicalein based on functionalized graphene loaded RuO2 nanoparticles modified glassy carbon electrode. Talanta, 2018, 188, 714-721.	2.9	18
42	A new voltammetry sensor platform for eriocitrin based on CoS2-MoS2-PDDA-GR nanocomposite. Talanta, 2018, 189, 345-352.	2.9	9
43	A sensitive aptasensor for the detection of β-amyloid oligomers based on metal–organic frameworks as electrochemical signal probes. Analytical Methods, 2018, 10, 4430-4437.	1.3	49
44	Sensitive, simultaneous determination of chrysin and baicalein based on Ta 2 O 5 -chitosan composite modified carbon paste electrode. Talanta, 2017, 165, 553-562.	2.9	31
45	Facile synthesized SnO 2 decorated functionalized graphene modified electrode for sensitive determination of daidzein. Talanta, 2017, 168, 1-9.	2.9	9
46	A voltammetry sensor platform for baicalein and baicalin simultaneous detection in vivo based on Ta 2 O 5 -Nb 2 O 5 @CTS composite. Talanta, 2017, 170, 358-368.	2.9	36
47	Nonenzymatic H ₂ O ₂ Electrochemical Sensor Based on SnO ₂ â€NPs Coated Polyethylenimine Functionalized Graphene. Electroanalysis, 2017, 29, 2044-2052.	1.5	18
48	Highly sensitive electrochemical thrombin aptasensor based on peptide-enhanced electrocatalysis of hemin/G-quadruplex and nanocomposite as nanocarrier. Biosensors and Bioelectronics, 2017, 97, 317-324.	5.3	40
49	Electrochemical behavior of amaranth and its sensitive determination based on Pd-doped polyelectrolyte functionalized graphene modified electrode. Talanta, 2017, 168, 146-151.	2.9	27
50	Green synthesized Co nanoparticles doped amino-graphene modified electrode and its application towards determination of baicalin. Talanta, 2017, 164, 249-256.	2.9	21
51	A Newly Competitive Electrochemical Sensor for Sensitive Determination of Chrysin Based on Electrochemically Activated Ta ₂ O ₅ Particles Modified Carbon Paste Electrode. Electroanalysis, 2017, 29, 835-842.	1.5	10
52	A simple and sensitive method for determination of taxifolin on palladium nanoparticles supported poly (diallyldimethylammonium chloride) functionalized graphene modified electrode. Talanta, 2017, 164, 323-329.	2.9	24
53	Electrochemical Evaluation of <i>trans </i> -Resveratrol Levels in Red Wine Based on the Interaction between Resveratrol and Graphene. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-8.	0.7	8
54	The first voltammetric investigation for astilbin based on β-cyclodextrin functionalized graphene modified electrode. Analytical Methods, 2016, 8, 4888-4894.	1.3	3

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55	Greenly synthesized graphene with <scp>I</scp> -glutathione-modified electrode and its application towards determination of rutin. RSC Advances, 2016, 6, 94024-94032.	1.7	14
56	Tetraazacalix[2]arence[2]triazine Coated Fe ₃ O ₄ /SiO ₂ Magnetic Nanoparticles for Simultaneous Dispersive Solid Phase Extraction and Determination of Trace Multitarget Analytes. Analytical Chemistry, 2016, 88, 10523-10532.	3.2	66
57	Highly sensitive determination of esculetin on TiO2-NPs-coated poly(diallyldimethylammonium) Tj ETQq1 1 0.784	314 rgBT (2.9	Overlock 10
58	A simple and sensitive method for determination of tetrahydropalmatine based on a new voltammetric sensor. Talanta, 2016, 161, 238-244.	2.9	5
59	Highly sensitive determination of gallic acid based on a Pt nanoparticle decorated polyelectrolyte-functionalized graphene modified electrode. Analytical Methods, 2016, 8, 8474-8482.	1.3	33
60	Fabrication of an antibody-aptamer sandwich assay for electrochemical evaluation of levels of \hat{l}^2 -amyloid oligomers. Scientific Reports, 2016, 6, 35186.	1.6	72
61	A Simple and Sensitive Voltammetric Method for the Determination of Orange II Based on a Functionalized Graphene-Modified Electrode. Journal of AOAC INTERNATIONAL, 2016, 99, 1287-1294.	0.7	6
62	Enzyme spheres as novel tracing tags coupled with target-induced DNAzyme assembly for ultrasensitive electrochemical microRNA assay. Analytica Chimica Acta, 2016, 948, 1-8.	2.6	21
63	Electrochemical behavior of isofraxidin at an electrodeposition reduced graphene oxide electrode and its analytical application. Analytical Methods, 2016, 8, 1473-1482.	1.3	3
64	A novel strategy of an electrochemically treated ZrOCl $<$ sub $>$ 2 $<$ /sub $>$ and \hat{I}^2 -cyclodextrin doped carbon paste electrode for sensitive determination of ligustrazine. Analytical Methods, 2016, 8, 2144-2149.	1.3	0
65	The novel voltammetric method for determination of hesperetin based on a sensitive electrochemical sensor. Talanta, 2016, 150, 61-70.	2.9	28
66	A novel voltammetric sensor based on poly(l-Citrulline)/SWCNTs composite film modified electrode for sensitive determination of picroside II. Talanta, 2016, 150, 346-354.	2.9	5
67	Simple and rapid determination of trace iodide by cathodic stripping voltammetry. Talanta, 2016, 147, 634-640.	2.9	11
68	A Novel Strategy of Electrochemically Treated ZrOCl ₂ Doped Carbon Paste Electrode for Sensitive Determination of Daidzein. Electroanalysis, 2015, 27, 1719-1725.	1.5	13
69	Electrochemical characters of hymecromone at the graphene modified electrode and its analytical application. Analytical Methods, 2015, 7, 3000-3005.	1.3	14
70	Electrochemical behavior of tectoridin and its sensitive determination based on l-arginine modified electrode. Talanta, 2015, 144, 726-733.	2.9	14
71	Sensitive determination of natamycin based on a new voltammetric sensor: a single-walled carbon nanotube composite poly(<scp>l</scp> -serine) film modified electrode. Analytical Methods, 2015, 7, 2855-2861.	1.3	11
72	Electrochemical behavior of the insecticide pymetrozine at an electrochemically pretreated glassy carbon electrode and its analytical application. Analytical Methods, 2015, 7, 9100-9107.	1.3	10

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73	Simple and Sensitive Voltammetric Determination of Esculetin Using Electrochemically Reduced Graphene Oxide Modified Electrode. Journal of the Chinese Chemical Society, 2015, 62, 652-660.	0.8	10
74	Electrochemical behavior of naringenin and its sensitive determination based on a single-walled carbon nanotube modified electrode. Analytical Methods, 2015, 7, 8847-8856.	1.3	8
75	Study of the voltammetric behavior of jatrorrhizine and its sensitive determination at electrochemical pretreatment glassy carbon electrode. Talanta, 2014, 126, 38-45.	2.9	18
76	Sensitive voltammetric determination of neohesperidin dihydrochalcone based on SWNTs modified glassy carbon electrode. Analytical Methods, 2014, 6, 9410-9418.	1.3	9
77	A Glassy Carbon Electrode Modified with Langmuir \S_{ℓ} Blodgett Film Composed of DNA and Polyaniline for the Sensitive Determination of Salbutamol. Electroanalysis, 2014, 26, 1051-1058.	1.5	5
78	The electrochemical characterization of curcumin and its selective detection in Curcuma using a graphene-modified electrode. Analytical Methods, 2014, 6, 7801-7808.	1.3	45
79	A sensitive voltammetric sensor for salbutamol based on MWNTs composite nano-Au film modified electrode. Analytical Methods, 2014, 6, 1928.	1.3	20
80	Sensitive determination of pesticide imidacloprid using a glassy carbon electrode modified with a film composed of multi-walled carbon nanotubes and poly(aspartic acid). International Journal of Environmental Analytical Chemistry, 2014, 94, 884-900.	1.8	14
81	A new voltammetric sensor for sensitive and selective determination of xanthine based on DNA and polyaniline composite Langmuir–Blodgett film. Talanta, 2014, 129, 346-351.	2.9	12
82	Sensitive determination of urapidil at an electrochemically pretreated glassy carbon electrode by linear sweep voltammetry. Analytical Methods, 2014, 6, 6548.	1.3	9
83	Highly sensitive determination of Sunset Yellow in drink using a poly (l-cysteine) modified glassy carbon electrode. Analytical Methods, 2013, 5, 5044.	1.3	44
84	Sensitive voltammetric sensor for bergenin based on poly(l-lysine)/graphene modified glassy carbon electrode. Analytical Methods, 2013, 5, 3895.	1.3	18
85	The detailed electrochemical character of brucine at a poly(aspartic acid)-modified electrode and its sensitive determination. Analytical Methods, 2013, 5, 2712.	1.3	10
86	Sensitive determination of colchicine at carbon paste electrode doped with multiwall carbon nanotubes. Analytical Methods, 2013, 5, 1830.	1.3	10
87	A highly sensitive sensor for synephrine detection based on multi-walled carbon nanotubes modified glass carbon electrodes. Analytical Methods, 2013, 5, 5317.	1.3	11
88	Ferrocene-carboxylate coordination complexes bridged by different N-containing ligands. Journal of Coordination Chemistry, 2013, 66, 1686-1699.	0.8	10
89	The electrode modified with Langmuir–Blodgett film of <i>p</i> tert-butylcalix[4]arene derivatives with sulfur-containing functionalities for the determination of silver. International Journal of Environmental Analytical Chemistry, 2012, 92, 1776-1785.	1.8	3
90	Voltammetric Determination of Methylparaban in Cosmetics Using a Multi-Wall Carbon Nanotubes/Nafion Composite Modified Glassy Carbon Electrode. Analytical Letters, 2012, 45, 2445-2454.	1.0	18

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91	A supersensitive sensor for rutin detection based on multi-walled carbon nanotubes and gold nanoparticles modified carbon paste electrodes. Analytical Methods, 2012, 4, 1350.	1.3	28
92	Study on the electrochemical properties of maltol at a carbon paste electrode and its analytical application. Analytical Methods, 2012, 4, 3206.	1.3	20
93	Construction of Zn(II)-ferrocenyl carboxylate coordination complexes <i>via</i> changing adjuvant ligands. Journal of Coordination Chemistry, 2012, 65, 3684-3698.	0.8	2
94	A novel self-assembly voltammetric sensor for malachite green based on ethylenediamine and graphene oxide. Analytical Methods, 2012, 4, 4257.	1.3	19
95	Electrochemical Behavior and Voltammetric Determination of Ketamine at Pulse Plating Gold Film Modified Platinum Electrode. Journal of the Chinese Chemical Society, 2012, 59, 879-883.	0.8	8
96	Study on the Electrochemical Properties of Salvianic Acid A Sodium and its Analytical Application. Journal of the Chinese Chemical Society, 2012, 59, 947-952.	0.8	6
97	Electrochemical sensor for Baicalein using a carbon paste electrode doped with carbon nanotubes. Mikrochimica Acta, 2012, 178, 179-186.	2.5	25
98	Sensitive voltammetric sensor of dihydromyricetin based on Nafion/SWNT-modified glassy carbon electrode. Journal of Solid State Electrochemistry, 2012, 16, 1473-1480.	1.2	11
99	Immobilization of DNA on a glassy carbon electrode based on Langmuir–Blodgett technique: application to the detection of epinephrine. Journal of Solid State Electrochemistry, 2012, 16, 2127-2133.	1.2	19
100	Determination of Matrine Using a New Voltammetric Sensor Based on <scp>L</scp> ysteine/Graphene Oxide hitosan Composite Film Modified Electrode. Electroanalysis, 2012, 24, 691-698.	1.5	14
101	Langmuir–Blodgett film of tetraoxocalix[2]arene[2]triazine modified electrode for voltammetric determination of copper ion. Journal of Solid State Electrochemistry, 2012, 16, 505-511.	1.2	7
102	Anodic stripping voltammetric determination of silver(I) in water using a 4-tert-butyl-1(ethoxycarbonylmethoxy)thiacalix[4]arene modified glassy carbon electrode. Journal of Analytical Chemistry, 2011, 66, 60-65.	0.4	8
103	Voltammetric sensing of guanine and adenine using a glassy carbon electrode modified with a tetraoxocalix[2]arene[2]triazine Langmuir-Blodgett film. Mikrochimica Acta, 2011, 173, 285-291.	2.5	30
104	Voltammetric sensor for caffeine based on a glassy carbon electrode modified with Nafion and graphene oxide. Mikrochimica Acta, 2011, 174, 383-390.	2.5	61
105	Sensitive and Selective Detection of Dopamine Using a DNA Immobilized Ethylenedidamine/Polyglutamic Modified Electrode. Electroanalysis, 2011, 23, 1435-1441.	1.5	5
106	Langmuirâ∈"Blodgett Film of Asymmetric Calix[4]arene Derivative Modified Electrode for Voltammetric Determination of Silver. Clean - Soil, Air, Water, 2011, 39, 238-243.	0.7	1
107	Determination of caffeine content in tea based on poly(safranine T) electroactive film modified electrode. Food Chemistry, 2011, 129, 1311-1314.	4.2	61
108	Synthesis and preliminary photovoltaic behavior study of a soluble polyimide containing ruthenium complexes. Polymer Chemistry, 2010, 1, 1048.	1.9	19

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109	Preparation and Characterization of <i>p</i> -tert-Butylcalix[4]arene Modified Sol-Gel Column for Open-Tubular Capillary Electrochromatography. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2627-2641.	0.5	17
110	Combination of Methotrexate and Emodin Interacting with DNA. Analytical Letters, 2009, 42, 1418-1429.	1.0	6
111	Simultaneous Determination of Thallium and Lead on a Chemically Modified Electrode with Langmuir– Blodgett Film of a <i>p</i> àêtertâ€Butylcalix[4]arene Derivative. Electroanalysis, 2009, 21, 2563-2568.	1.5	29
112	Synthesis and characterization of conjugated polymers containing a carbazole moiety. Polymers for Advanced Technologies, 2008, 19, 793-800.	1.6	6
113	Determination of Trace Manganese by Squareâ€Wave Stripping Voltammetry. Electroanalysis, 2008, 20, 984-988.	1.5	6
114	CZE Determination of Calixarenes and Related Derivatives Using Acetonitrile as a Modifier. Chromatographia, 2008, 68, 123-127.	0.7	3
115	Amide and Acyl-Hydrazine Functionalized Calix[4]arenes as Carriers for Hydrogen Phosphate Selective Electrodes. Electroanalysis, 2007, 19, 958-963.	1.5	5
116	Simultaneous voltammetric determination of epinephrine and serotonin at a p-tetra-butyl calix [6] arene-L-Histidine chemically modified electrode. Journal of Analytical Chemistry, 2006, 61, 1104-1107.	0.4	17
117	Determination of Copper at a Glassy Carbon Electrode Modified with Langmuir–Blodgett Film ofp-tert-Butylthiacalix[4]arene. Electroanalysis, 2006, 18, 2115-2120.	1.5	17